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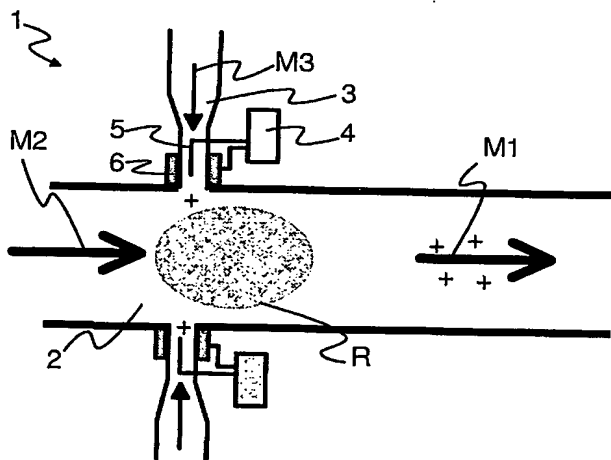
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(54) Title: A METHOD FOR CHARGING PARTICLES IN A MATERIAL MANUFACTURING PROCESS



(57) Abstract: Method for charging particles (M1), which
particles are used for processing of a material, in which
method at least a gaseous reactant (M2) is supplied and ox-
idizing gas (M3) is supplied to the reactant (M2). The ox-
idizing gas (M3) is charged electrically before it is supplied
to the reactant (M2) whereafter the reactant (M2) and the
oxidizing gas (M3) form charged particles (M1). The ma-
terial to be processed is advantageously a multi-component
oxide construction, such as an optical fiber preform. The
invention also related to a charging device implementing the
method.